47 CFR PART 15 SUBPART C TEST REPORT

for

NFC reader

Model No.: SC-NFC

FCC ID: NDASCNFC

of

Applicant: Gold Apollo Co Ltd
Address: Rm 1, 3rd Fl., No. 77 Sec. 1, Hsin Tai Wu Rd., Hsi-Chih Dist.
New Taipei city 221, Taiwan

Tested and Prepared

By

Worldwide Testing Services (Taiwan) Co., Ltd.

FCC Registration No.: TW1072, TW1140, TW1146, TW1477, TW0037

Industry Canada filed test laboratory Reg. No.: 20037, 31634

Report No.: W6M22412-23972-C-1

6F., No. 58, Ln. 188, Rueiguang Rd., Neihu Dist., Taipei City , Taiwan (R.O.C.)
TEL: 886-2-66068877 FAX: 886-2-66068879 E-mail: wts@wts-lab.com

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1 General Information

1.1 Notes

The purpose of conformity testing is to increase the probability of adherence to the essential requirements or conformity specifications, as appropriate.

The complexity of the technical specifications, however, means that full and thorough testing is impractical for both technical and economic reasons.

Furthermore, there is no guarantee that a test sample which has passed all the relevant tests conforms to a specification.

Neither is there any guarantee that such a test sample will interwork with other genuinely open systems.

The existence of the tests nevertheless provides the confidence that the test sample possesses the qualities as maintained and that is performance generally conforms to representative cases of communications equipment.

Laboratory disclaimer-

1. The test results of this test report relate exclusively to the item tested as specified in 1.5.
2. The test report may only be reproduced or published in full.
3. Reproduction or publication of extracts from the report requires the prior written approval of the Worldwide Testing Services(Taiwan) Co., Ltd.

Tester:

Date	WTS-Lab.	Name	Signature
March 26, 2025		Rick Chen	Rick Chen

Technical responsibility for area of testing:

Date	WTS	Name	Signature
March 26, 2025		Kevin Wang	Kevin Wang

Registration number: W6M22412-23972-C-1
FCC ID: NDASCNFC

1.2 Testing laboratory

1.2.1 Location

10m OATS
No.5-1, Lishui, Shuang Sing Village, Wanli Dist.,
New Taipei City 207, Taiwan (R.O.C.)

3 meter semi-anechoic chamber
No. 99, Sec. 1, Balian Rd., Xizhi Dist.,
New Taipei City 221032, Taiwan (R.O.C.)

Worldwide Testing Services (Taiwan) Co., Ltd.
6F., No. 58, Ln. 188, Ruiguang Rd., Neihu Dist.,
Taipei City 114 , Taiwan (R.O.C.)
Tel: 886-2-6606-8877

1.2.2 Details of accreditation status

Accredited testing laboratory
FCC filed test laboratory Reg. No.: TW1072, TW1140, TW1146, TW1477, TW0037
Industry Canada filed test laboratory Reg. No.: 20037, 31634

Test location, where different from Worldwide Testing Services (Taiwan) Co., Ltd. :

Name:	./.
Accredited number:	./.
Street:	./.
Town:	./.
Country:	./.

Registration number: W6M22412-23972-C-1
FCC ID: NDASCNFC

1.3 Details of approval holder

Name:	Gold Apollo Co Ltd
Street:	Rm 1, 3rd Fl., No. 77 Sec. 1, Hsin Tai Wu Rd., Hsi-Chih Dist.
City:	New Taipei city 221
Country:	Taiwan

1.4 Application details

Date of receipt of test item:	February 10, 2025
Date of test:	from February 11, 2025 to March 20, 2025

1.5 General information of Test item

Description of test item:	NFC reader
Type identification:	SC-NFC
Multi-listing model number:	./.
Brand name:	Gold Apollo
Transmitting frequency:	13.56 MHz
Operation mode:	Duplex
Voltage supply:	USB 5Vd.c.
Antenna type:	PCB antenna
Sample no.:	#01

Manufacturer: (if applicable)

Name:	./.
Street:	./.
Town:	./.
Country:	./.

1.6 Test standards

47 CFR PART 15 SUBPART C § 15.225 (2023-10)
ANSI C63.10-2013

2 Technical test

2.1 Summary of test results

No deviations from the technical specification(s) were ascertained in the course of the tests performed. ☒

or

The deviations were ascertained in the course of the tests performed. ☐

2.2 Test environment

Relative humidity content: 20 ... 75 %

Air pressure: 86 ... 103 kPa

Details of power supply: USB 5Vd.c.

Extreme conditions parameters:. ./.

Test item Name	Measurement Uncertainty
Estimation Result of Uncertainty of Conducted Emission (Power Line Conducted Emission)	Expanded Uncertainty： AMN：1.08 dB
Estimation Result of Uncertainty of Radiated Emission(3M-966A) (Output Power (Field Strength), Out of Band Radiated Emissions, Band Edge)	Expanded Uncertainty： 0.009-30 MHz：1.85 dB 30-1000 MHz：3.92 dB 1-18 GHz：3.19 dB 18-40 GHz：1.90 dB
Estimation Result of Uncertainty of Bandwidth Measurement (Occupied Bandwidth)	Expanded Uncertainty：0.37 kHz
Estimation Result of Uncertainty of Frequency Drift Measurement (Frequency tolerance)	Expanded Uncertainty：6.11 Hz

The decision rule is: Measurement uncertainty is not included in the calculation of test results.

Registration number: W6M22412-23972-C-1
FCC ID: NDASCNFC

2.3 Test Equipment List

Power & Occupied bandwidth & Spurious emission 9kHz-30MHz (966A)

Code No.	Test equipment	Mode No.	Serial No.	Brand	Cal. Date	Next Cal. Date
ETSTW-RE 153	Signal Analyzer	FSV40	101929	R&S	2024/9/11	2025/9/10
ETSTW-RE 154	EMI Test Receiver	ESR3	102829	R&S	2024/4/10	2025/4/9
ETSTW-RE 176	Loop Antenna	FMZB 1513-60	39	SCHWARZBECK	2024/8/21	2025/8/20
ETSTW-Cable 090	N type Cable (15m)	EMCCFD400-NM-NM-15000	230732	EMCI	2024/8/3	2025/8/2

Spurious emission 30MHz-1GHz (966A)

Code No.	Test equipment	Mode No.	Serial No.	Brand	Cal. Date	Next Cal. Date
ETSTW-RE 153	Signal Analyzer	FSV40	101929	R&S	2024/9/11	2025/9/10
ETSTW-RE 154	EMI Test Receiver	ESR3	102829	R&S	2024/4/10	2025/4/9
ETSTW-RE 160	Amplifier Module	CHC 3	None	WTS	2024/7/12	2025/7/11
ETSTW-RE 176	Loop Antenna	FMZB 1513-60	39	SCHWARZBECK	2024/8/21	2025/8/20
ETSTW-RE 177	TRILOG Broadband Antenna	VULB 9168&EMCI-N-6-06	01380&AT-06007	SCHWARZBECK& EMC	2025/3/10	2026/3/9
ETSTW-Cable 077	SMA type cable (10m)	EMC104-SM-SM-10000	230511	EMCI	2024/7/12	2025/7/11
ETSTW-Cable 084	SMA type cable (1m)	SF104-11SMA-1000	816477/4	HONOVA	2024/7/12	2025/7/11
ETSTW-Cable 089	SMA type cable (2m)	SF104-11SMA-2000	SN 811889/4	HUBER+SUHNER	2024/7/12	2025/7/11
ETSTW-Cable 090	N type Cable (15m)	EMCCFD400-NM-NM-15000	230732	EMCI	2024/8/3	2025/8/2

Frequency tolerance

Code No.	Test equipment	Mode No.	Serial No.	Brand	Cal. Date	Next Cal. Date
ETSTW-CE 009	TEMP.&HUMIDITY CHAMBER	GTH-225-40-1P-U	MAA0305-009	GIANT FORCE	2024/7/23	2025/7/22
ETSTW-RE 055	SPECTRUM ANALYZER	FSU 26	200074	R&S	2025/3/5	2026/3/4
ETSTW-RE 099	DC Block	50DB-007-1	None	JFW	2025/2/14	2026/2/13
ETSTW-Cable 030	Microwave Cable	SUCOFLEX 104 (S_Cable 9)	279067	HUBER+SUHNER	2025/2/14	2026/2/13

AC conducted

Code No.	Test equipment	Mode No.	Serial No.	Brand	Cal. Date	Next Cal. Date
ETSTW-CE 032	EMI Test Receiver	ESR3	102830	R&S	2024/4/22	2025/4/21
ETSTW-CE 035	AC POWER SOURCE	AFC-150	A2000386	All power	Function Test	
ETSTW-CE 034	Line-Impedance Stabilisation Network	NSLK8127	01087	SCHWARZBECK	2024/7/18	2025/7/17
ETSTW-Cable 092	BNC Cable (3m)	EMCCFD-300 -BM-BM-3000	240108	EMCI	2025/1/9	2026/1/8

2.4 General Test Procedure

POWER LINE CONDUCTED INTERFERENCE: The procedure used was ANSI STANDARD C63.10-2013 6.2 using a LISN (if necessary). Both lines were observed. The bandwidth of the spectrum analyzer was 10 kHz with an appropriate sweep speed.

RADIATION INTERFERENCE: The test procedure used was according to ANSI STANDARD C63.10-2013 6.3 employing a spectrum analyzer. For investigated frequency is equal to or below 1GHz, the RBW and VBW of the spectrum analyzer was 100 kHz and 100kHz respectively with an appropriate sweep speed. For investigated frequency is above 1GHz, both of RBW and VBW of the spectrum analyzer were 1 MHz with an appropriate sweep speed. The analyzer was calibrated in dB above a microvolt at the output of the antenna.

FORMULA OF CONVERSION FACTORS: The Field Strength at 3m was established by adding the meter reading of the spectrum analyzer (which is set to read in units of dBμV) to the antenna correction factor supplied by the antenna manufacturer. The antenna correction factors are stated in terms of dB.

Example:

Freq (MHz)	METER READING + ACF + CABLE LOSS (to the receiver) = FS
33	20 dBμV + 10.36 dB + 6 dB = 36.36 dBμV/m @3m

The EUT was placed on a table 80 cm high and with dimensions of 1m by 1.5m (non metallic table) and arranged according to ANSI C63.10-2013 Section 6.2.2. The table used for radiated measurements is capable of continuous rotation. The spectrum was scanned from 30 MHz to the frequency specified as follows:

(1) If the intentional radiator operates below 10 GHz: to the tenth harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower.
(2) If the intentional radiator operates at or above 10 GHz and below 30 GHz: to the fifth harmonic of the highest fundamental frequency or to 100 GHz, whichever is lower.
(3) If the intentional radiator operates at or above 30 GHz: to the fifth harmonic of the highest fundamental frequency or to 200 GHz, whichever is lower, unless specified otherwise elsewhere in the rules.
(4) If the intentional radiator contains a digital device, regardless of whether this digital device controls the functions of the intentional radiator or the digital device is used for additional control or function purposes other than to enable the operation of the intentional radiator, the frequency range shall be investigated up to the range specified in paragraphs (a)(1)-(a)(3) of this section or the range applicable to the digital device, as shown in paragraph (b)(1) of this Section, whichever is the higher frequency range of investigation.

For hand-held devices, a exploratory test was performed with three (3) orthogonal planes to determine the highest emissions.

When an emission was found, the table was rotated to produce the maximum signal strength. At this point, the antenna was raised and lowered from 1m to 4m. The antenna was placed in both the horizontal and vertical planes.

When the radiated emission limits are expressed in terms of the average value of the emission, and pulsed operation is employed, the measurement field strength shall be determined by averaging over

one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0.1 seconds. As an alternative (provided the transmitter operates for longer than 0.1 seconds) or in cases where the pulse train exceeds 0.1 seconds, the measured field strength shall be determined from the average absolute voltage during a 0.1 second interval during which the field strength is at its maximum value.

The formula is as follows:
Average = Peak + Duty Factor
Duty Factor = 20 log (dwell time/T)
T = 100ms when the pulse train period is over 100 ms or the period of the pulse train.

Modified Limits for peak according to 15.35 (b) = Max Permitted average Limits + 20dB

ANSI STANDARD C63.10-2013 B.2.7: Any measurements that utilize special test software shall be indicated and referenced in the test report. During testing, test software ’EZ EMC’ was used for setting up different operation modes.

3 Test results (enclosure)

Test case	Para. Number	Required	Test passed	Test failed
Output Power Field Strength	15.225 (a) (b) (c)	☒	☒	☐
Out of Band Radiated Emissions	15.225 (d)	☒	☒	☐
Occupied Bandwidth	2.1049	☒	☒	☐
Frequency Stability	15.225 (e)	☒	☒	☐
Power Line Conducted Emission	15.207 (a)	☒	☒	☐

The following is intentionally left blank.

Registration number: W6M22412-23972-C-1
FCC ID: NDASCNFC

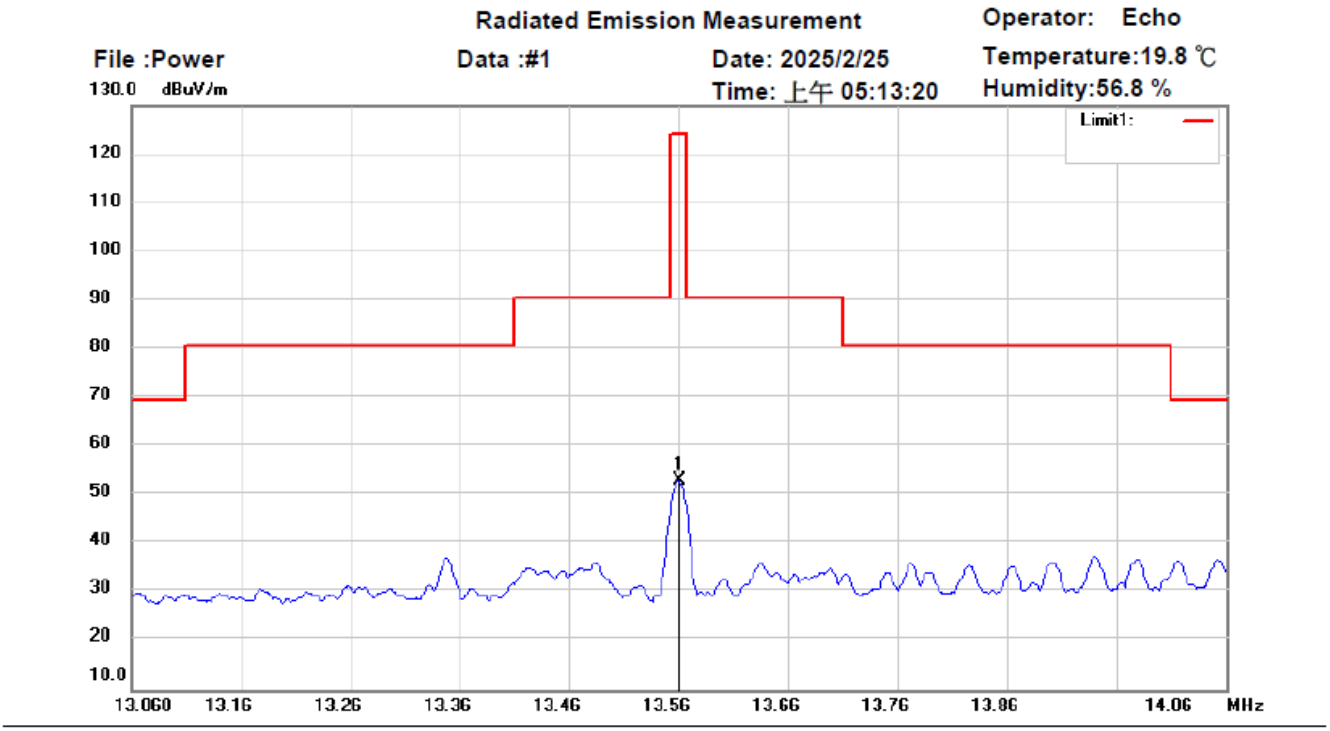
3.1 Output Power (Field Strength)

FCC Rules: 15.225 (a) (b) (c), 15.205, 15.209, 15.35
Operation within the band 13.110 - 14.010 MHz
Limit
(a) The field strength of any emissions within the band 13.553–13.567 MHz shall not exceed 15,848 microvolts/meter at 30 meters.

(b) Within the bands 13.410–13.553 MHz and 13.567–13.710 MHz, the field strength of any emissions shall not exceed 334 microvolts/meter at 30 meters.

(c) Within the bands 13.110–13.410 MHz and 13.710–14.010 MHz the field strength of any emissions shall not exceed 106 microvolts/meter at 30 meters.

Measurement Results:
The field strength at 3 meter distance as 53.09 dBµV/m. Extrapolated with 40dB to 30 meter distance it would be 23.09 dBµV/m.



Site : Chamber
Condition : FCC 15.225 power (3m)(13.56MHz)
EUT : W6M22412-23972
M/N:
Test Mode : TX 13.56MHz
Note :

Polarization:
Power : 5 Vd.c.(USB)
Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	13.5600	30.88	peak	22.21	53.09	124.00	100	258	-70.91	

3.2 Out of Band Radiated Emissions

(d) The field strength of any emissions appearing outside of the 13.110-14.010 MHz band shall not exceed the general radiated emission limits in § 15.209.

Frequency of Emission (MHz)	Limit	Measurement distance
0.009 – 0.490	2400 / f (KHz)	300
0.49 – 1.705	24000 / f (KHz)	30
1.705 – 30	30	30
30 – 88	100	3
88 – 216	150	3
216 – 960	200	3
Above 960	500	3

Calculation of test results:
Such factors like antenna correction, cable loss, external attenuation etc. are already included in the provided measurement results. This is done by using validated test software and calibrated test system according the accreditation requirements.

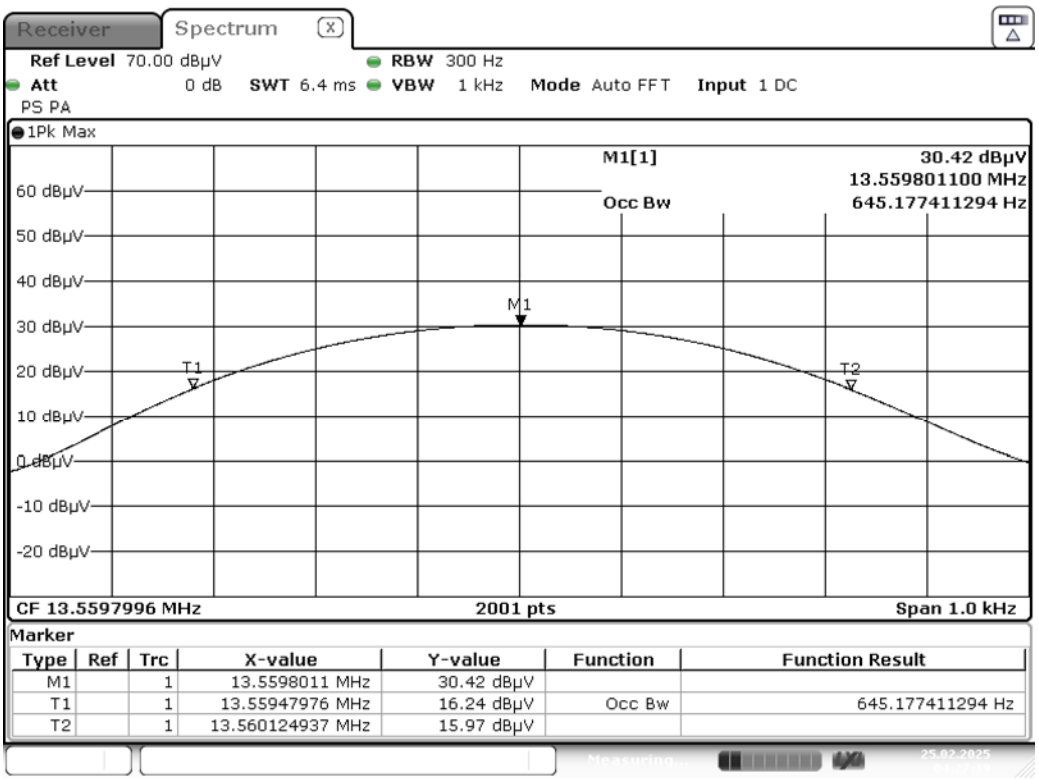
Note:
1. **Correction Factor = Antenna factor + Cable loss - Preamplifier**
2. **The formula of measured value as: Test Result = Reading + Correction Factor**
3. **Detector function in the form : PK = Peak, QP = Quasi Peak, AV = Average**
4. **All not in the table noted test results are more than 20 dB below the relevant limits.**
5. **See attached diagrams in appendix.**
6. **All other not noted test plots do not contain significant test results in relation to the limits.**

Test results: The unit meet the FCC requirements.

Registration number: W6M22412-23972-C-1
FCC ID: NDASCNFC

3.3 Occupied Bandwidth

Test date: February 25, 2025
Temperature: 21.2 ˚C
Humidity: 60.0 %
Tester: Rick



Date: 25.FEB.2025 04:27:19

3.4 Frequency tolerance

The frequency tolerance of the carrier signal shall be maintained within +/- 0.01% of the operating frequency over a temperature variation of –20°C to +50°C at normal supply voltage, and for a variation in the primary supply voltage from 85% to 115% of the rated supply voltage at a temperature of 20°C. For battery operated equipment, the equipment tests shall be performed using a new battery.

Test date: February 19, 2025
Temperature: 20.9 ˚C
Humidity: 56.7 %
Tester: Rick

Measurement Results:

Test Voltage (Vd.c.)	Duration Time (minutes)	Carrier Freq. (MHz)	Deviation (kHz)	Result
4.25	0	13.559808	0.000	0.00000%
	2	13.559808	0.000	0.00000%
	5	13.559808	0.000	0.00000%
	10	13.559808	0.000	0.00000%
5	0	13.559808	0.000	0.00000%
	2	13.559808	0.000	0.00000%
	5	13.559808	0.000	0.00000%
	10	13.559808	0.000	0.00000%
5.75	0	13.559808	0.000	0.00000%
	2	13.559808	0.000	0.00000%
	5	13.559808	0.000	0.00000%
	10	13.559808	0.000	0.00000%

Registration number: W6M22412-23972-C-1
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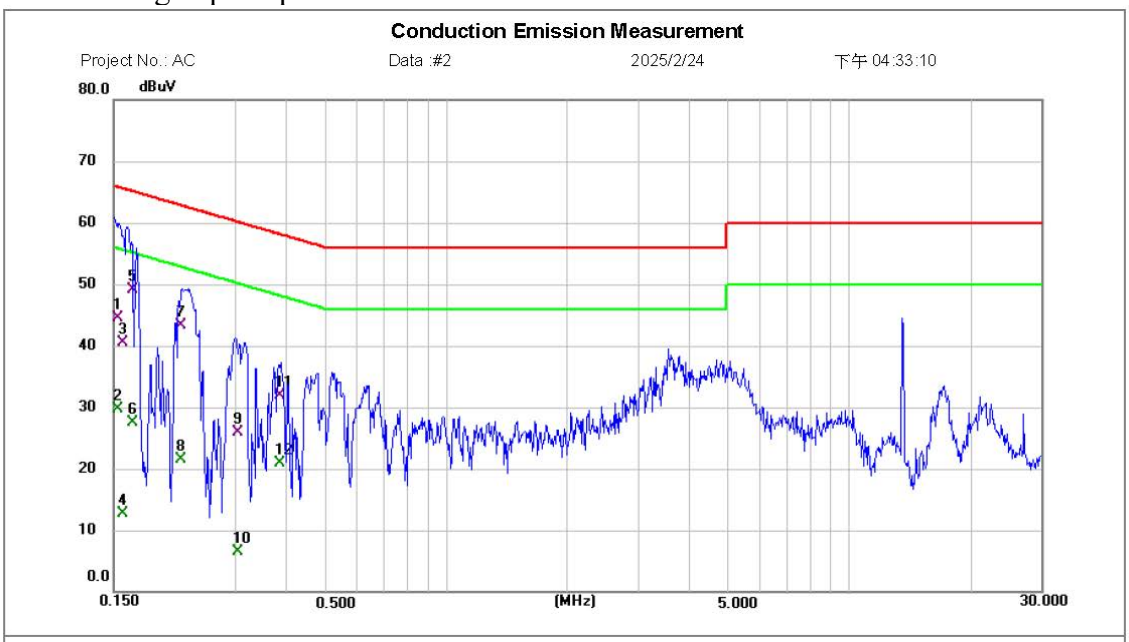
Temperature (°C)	Duration Time (minutes)	Frequency (MHz)	Frequency deviation (kHz)	Result
50	0	13.559776	-0.032	-0.00024%
	2	13.559776	-0.032	-0.00024%
	5	13.559776	-0.032	-0.00024%
	10	13.559776	-0.032	-0.00024%
40	0	13.559776	-0.032	-0.00024%
	2	13.559776	-0.032	-0.00024%
	5	13.559776	-0.032	-0.00024%
	10	13.559776	-0.032	-0.00024%
30	0	13.559808	0.000	0.00000%
	2	13.559808	0.000	0.00000%
	5	13.559808	0.000	0.00000%
	10	13.559808	0.000	0.00000%
20	0	13.559808	0.000	0.00000%
	2	13.559808	0.000	0.00000%
	5	13.559808	0.000	0.00000%
	10	13.559808	0.000	0.00000%
10	0	13.559840	0.032	0.00024%
	2	13.559840	0.032	0.00024%
	5	13.559840	0.032	0.00024%
	10	13.559840	0.032	0.00024%
0	0	13.559872	0.064	0.00047%
	2	13.559872	0.064	0.00047%
	5	13.559872	0.064	0.00047%
	10	13.559872	0.064	0.00047%
-10	0	13.559872	0.064	0.00047%
	2	13.559872	0.064	0.00047%
	5	13.559872	0.064	0.00047%
	10	13.559872	0.064	0.00047%
-20	0	13.559840	0.032	0.00024%
	2	13.559840	0.032	0.00024%
	5	13.559840	0.032	0.00024%
	10	13.559840	0.032	0.00024%

Registration number: W6M22412-23972-C-1
FCC ID: NDASCNFC

3.5 Power Line Conducted Emission

For an intentional radiator which is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the table bellows with this provision shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminals.

This measurement was transact first with instrumentation using an average and peak detector and a 10 kHz bandwidth. If the peak detector achieves a calculated level, the measurement is repeated by an instrumentation using a quasi-peak detector.



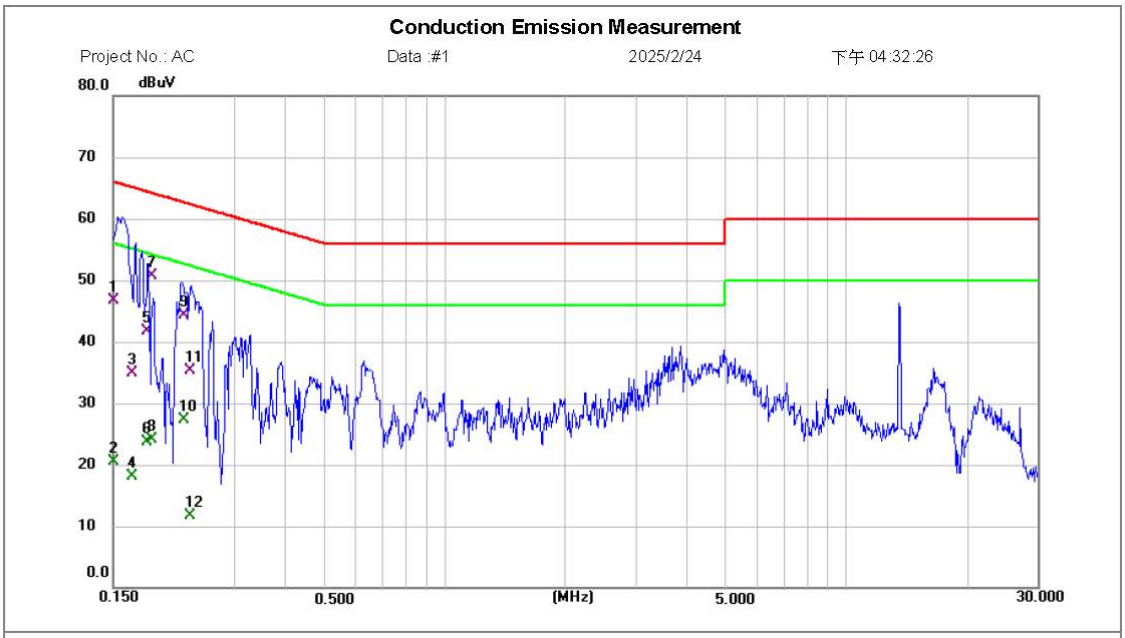
Site Conduction Room
Limit: FCC Part15 CE-Class B_QP
EUT: W6M22412-23972
M/N:
Mode:
Note:

Polarization: N
Power: 5 Vd.c.(USB)

Temperature: 15.7 (C)
Humidity: 75.0 %RH

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1535	44.45	0.06	44.51	65.81	-21.30	QP	P	
2	0.1535	29.71	0.06	29.77	55.81	-26.04	AVG	P	
3	0.1575	40.49	0.06	40.55	65.59	-25.04	QP	P	
4	0.1575	12.60	0.06	12.66	55.59	-42.93	AVG	P	
5 *	0.1672	49.02	0.06	49.08	65.10	-16.02	QP	P	
6	0.1672	27.44	0.06	27.50	55.10	-27.60	AVG	P	
7	0.2201	43.15	0.06	43.21	62.82	-19.61	QP	P	
8	0.2201	21.42	0.06	21.48	52.82	-31.34	AVG	P	
9	0.3042	25.75	0.07	25.82	60.13	-34.31	QP	P	
10	0.3042	6.49	0.07	6.56	50.13	-43.57	AVG	P	
11	0.3853	31.78	0.07	31.85	58.16	-26.31	QP	P	
12	0.3853	20.91	0.07	20.98	48.16	-27.18	AVG	P	

Registration number: W6M22412-23972-C-1
FCC ID: NDASCNFC



Site Conduction Room
Limit: FCC Part15 CE-Class B_QP
EUT: W6M22412-23972
M/N:
Mode:
Note:

Polarization: *L1*
Power: 5 Vd.c.(USB)

Temperature: 15.7 (C)
Humidity: 75.0 %RH

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1500	46.70	0.06	46.76	66.00	-19.24	QP	P	
2	0.1500	20.42	0.06	20.48	56.00	-35.52	AVG	P	
3	0.1663	34.82	0.06	34.88	65.14	-30.26	QP	P	
4	0.1663	18.10	0.06	18.16	55.14	-36.98	AVG	P	
5	0.1807	41.59	0.06	41.65	64.45	-22.80	QP	P	
6	0.1807	23.55	0.06	23.61	54.45	-30.84	AVG	P	
7 *	0.1864	50.67	0.06	50.73	64.20	-13.47	QP	P	
8	0.1864	24.07	0.06	24.13	54.20	-30.07	AVG	P	
9	0.2234	44.20	0.06	44.26	62.69	-18.43	QP	P	
10	0.2234	27.34	0.06	27.40	52.69	-25.29	AVG	P	
11	0.2323	35.18	0.06	35.24	62.37	-27.13	QP	P	
12	0.2323	11.55	0.06	11.61	52.37	-40.76	AVG	P	

Note: 1. The formula of measured value as: Test Result = Reading + Correction Factor
2. The Correction Factor = Cable Loss + LISN Insertion Loss + Pulse Limit Loss
3. Detector function in the form : PK = Peak, QP = Quasi Peak, AV = Average
4. All not in the table noted test results are more than 20 dB below the relevant limits.
5. Up Line: QP Limit Line, Down Line: Ave Limit Line.

Appendix

Measurement diagrams

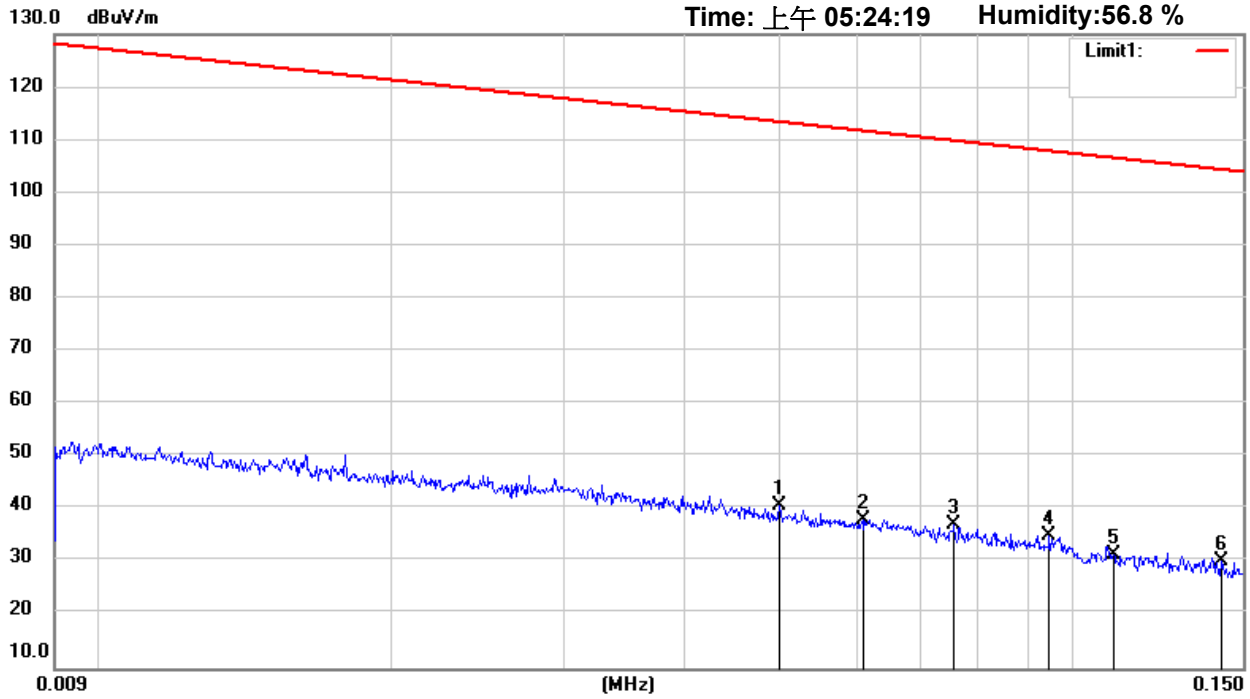
Radiated Emissions

Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Echo

File :1 Data :#1 Date: 2025/2/25 Time: 上午 05:24:19 Temperature:19.8 ℃ Humidity:56.8 %



Site : Chamber
Condition : FCC 15.225 RE (3m)(13.56MHz)
EUT : W6M22412-23972
M/N:
Test Mode : TX 13.56MHz
Note :

Polarization:
Power : 5 Vd.c.(USB)
Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	0.0500	21.94	peak	18.92	40.86	113.51	100	145	-72.65	
	0.0610	19.35	peak	18.84	38.19	111.79	100	163	-73.60	
	0.0757	18.54	peak	18.72	37.26	109.93	100	175	-72.67	
	0.0947	16.43	peak	18.58	35.01	107.99	100	187	-72.98	
	0.1102	12.80	peak	18.58	31.38	106.68	100	266	-75.30	
	0.1426	11.39	peak	18.71	30.10	104.46	100	29	-74.36	

*:Maximum data x:Over limit !:over margin

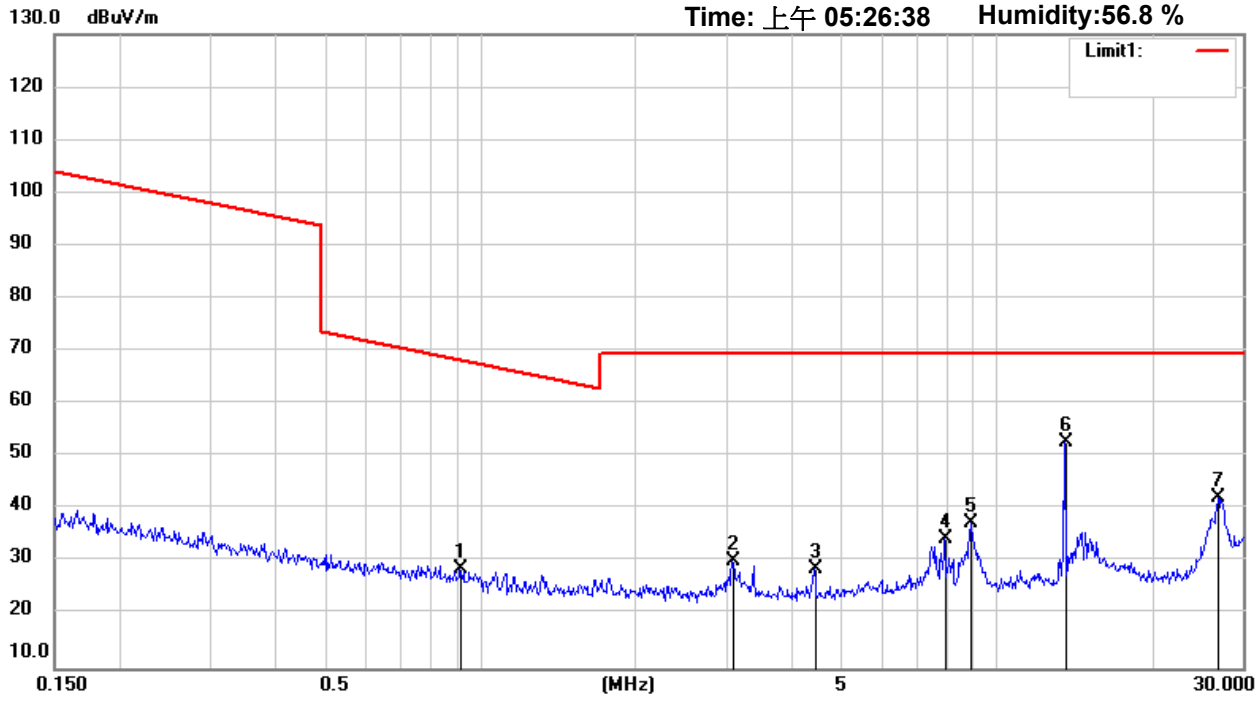
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Echo

File :2 Data :#1 Date: 2025/2/25 Time: 上午 05:26:38

Temperature:19.8 ℃ Humidity:56.8 %



Site : Chamber

Condition : FCC 15.225 RE (3m)(13.56MHz)

EUT : W6M22412-23972

M/N:

Test Mode : TX 13.56MHz

Note :

Polarization:

Power : 5 Vd.c.(USB)

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	0.9160	9.45	peak	19.43	28.88	68.36	100	170	-39.48	
	3.0820	10.38	peak	19.78	30.16	69.54	100	31	-39.38	
	4.4420	8.74	peak	19.86	28.60	69.54	100	216	-40.94	
	7.9561	13.43	peak	21.01	34.44	69.54	100	38	-35.10	
	8.9161	16.11	peak	21.36	37.47	69.54	100	114	-32.07	
*	13.5868	30.42	peak	22.21	52.63	69.54			-16.91	RF Power
	26.8410	18.92	peak	23.46	42.38	69.54	100	156	-27.16	

*:Maximum data x:Over limit !:over margin

Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
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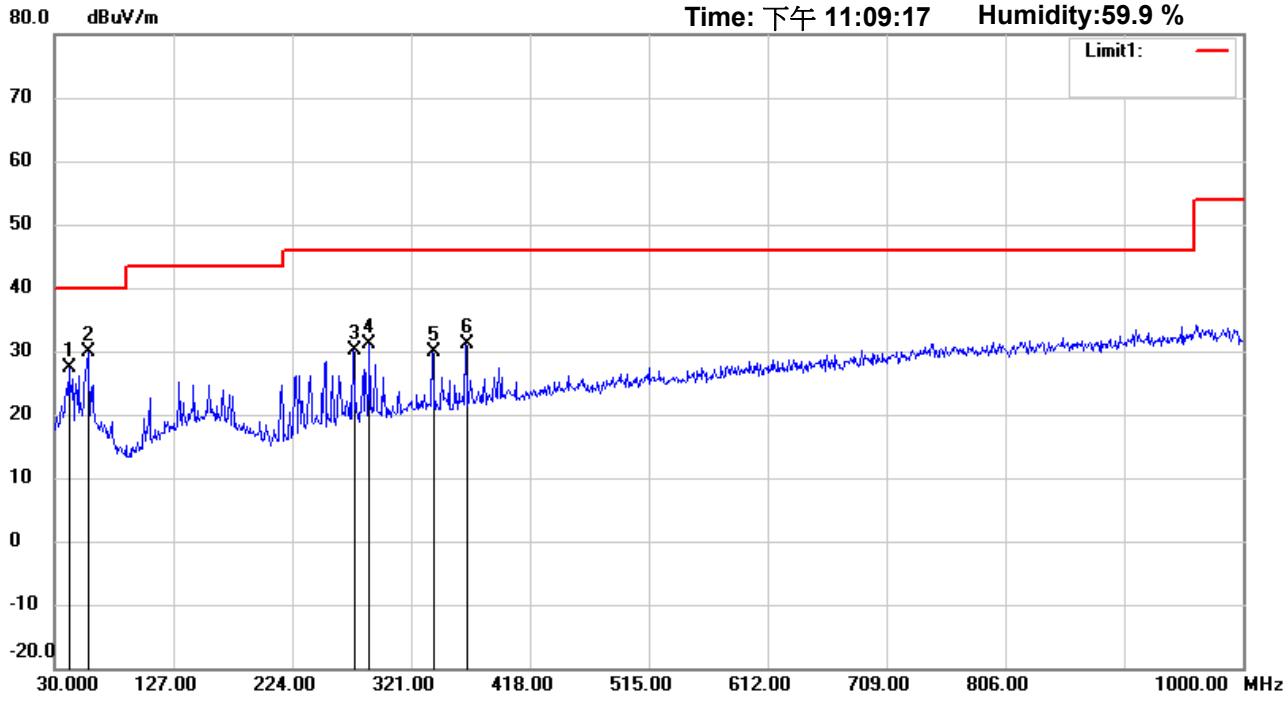
Radiated Emission Measurement

Operator: Gino

File :3 Data :#1 Date: 2025/2/24 Temperature:18.7 ℃

Time: 下午 11:09:17 Humidity:59.9 %



Site : Chamber

Condition : FCC 15.225 RE_30-1000MHz

EUT : W6M22412-23972

M/N:

Test Mode : TX 13.56MHz

Note :

Polarization: *Horizontal*

Power : 5 Vd.c.(USB)

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	41.6400	40.90	peak	-13.43	27.47	40.00	100	312	-12.53	
*	57.1600	42.64	peak	-12.80	29.84	40.00	100	268	-10.16	
	273.9550	42.94	peak	-12.90	30.04	46.00	100	50	-15.96	
	287.0500	43.64	peak	-12.45	31.19	46.00	100	109	-14.81	
	338.9450	41.18	peak	-11.32	29.86	46.00	100	11	-16.14	
	366.1050	41.77	peak	-10.64	31.13	46.00	100	293	-14.87	

*:Maximum data x:Over limit !:over margin

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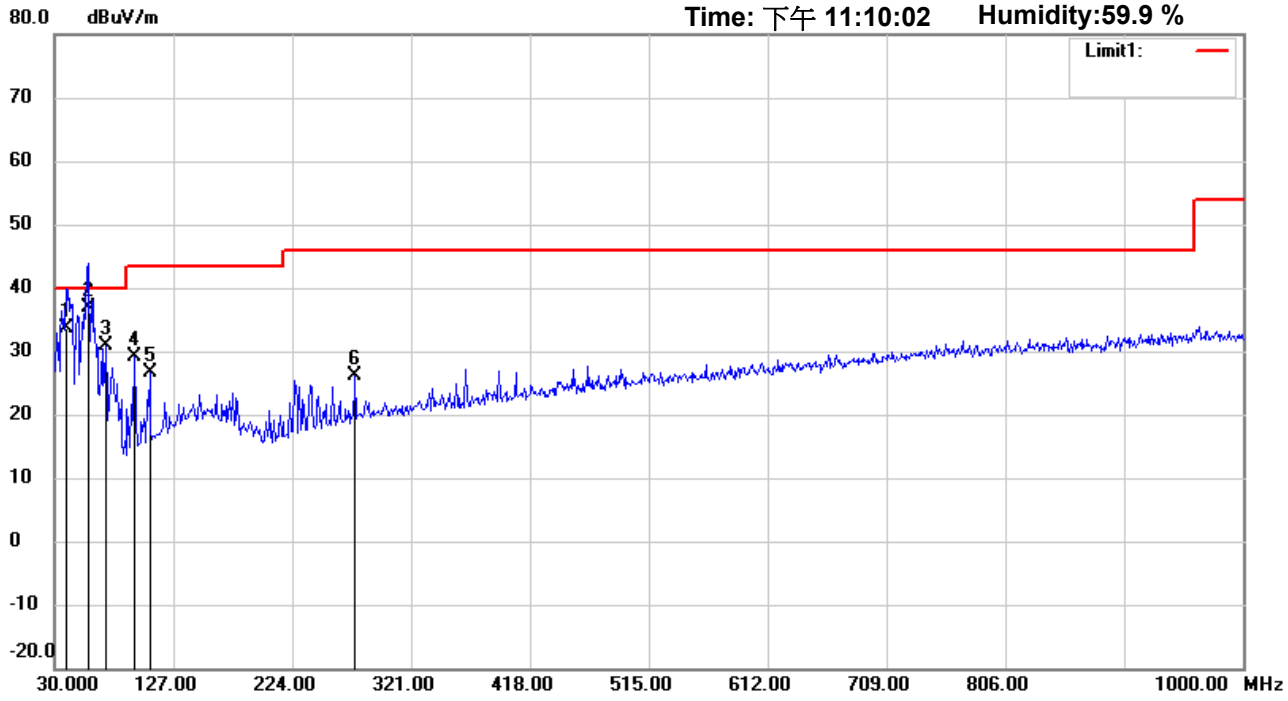
Radiated Emission Measurement

Operator: Gino

File :3 Data :#2 Date: 2025/2/24 Time: 下午 11:10:02

Temperature:18.7 ℃ Humidity:59.9 %



Site : Chamber

Condition : FCC 15.225 RE_30-1000MHz

EUT : W6M22412-23972

M/N:

Test Mode : TX 13.56MHz

Note :

Polarization: *Vertical*

Power : 5 Vd.c.(USB)

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	39.7000	47.29	QP	-13.70	33.59	40.00	150	157	-6.41	
*	57.1600	49.61	QP	-12.80	36.81	40.00	154	230	-3.19	
	71.7100	46.38	peak	-15.56	30.82	40.00	100	245	-9.18	
	94.9900	47.09	peak	-17.92	29.17	43.50	100	317	-14.33	
	107.6000	42.69	peak	-15.99	26.70	43.50	100	155	-16.80	
	275.4100	39.09	peak	-12.86	26.23	46.00	100	28	-19.77	

*:Maximum data x:Over limit !:over margin

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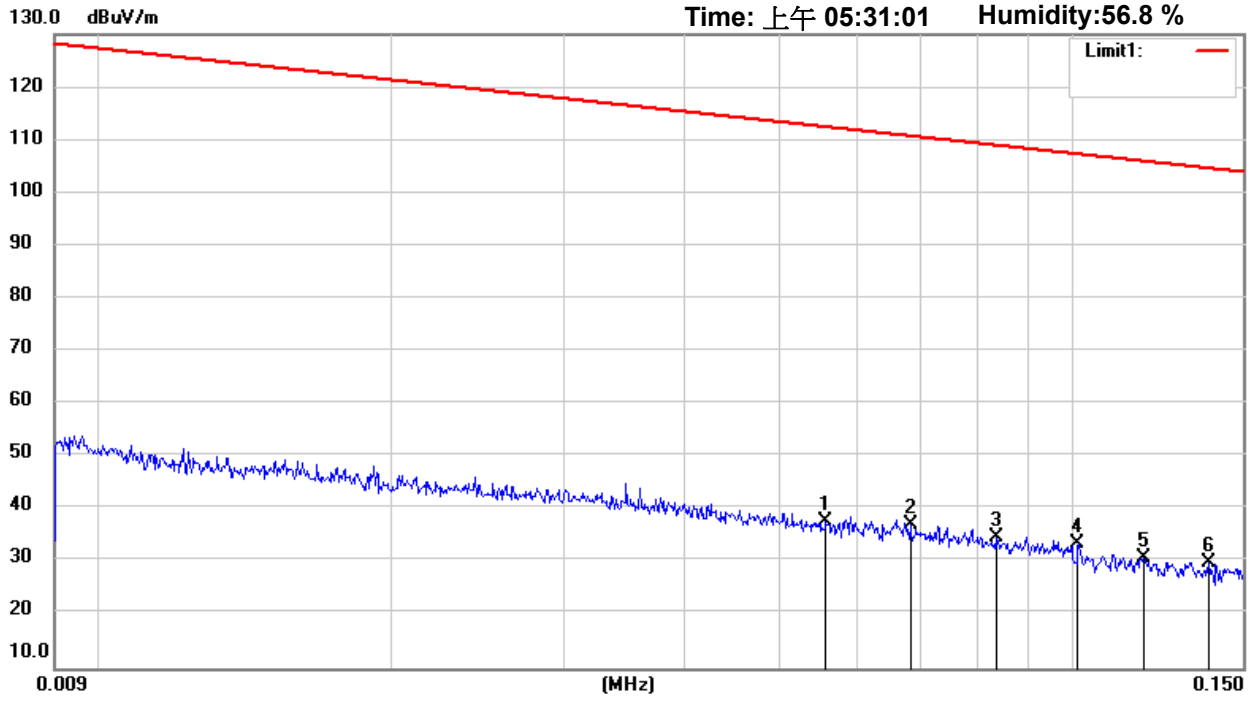
Radiated Emission Measurement

Operator: Echo

File :1 Data :#1 Date: 2025/2/25 Time: 上午 05:31:01

Temperature:19.8 ℃ Humidity:56.8 %



Site : Chamber

Condition : FCC 15.225 RE (3m)(13.56MHz)

EUT : W6M22412-23972

M/N:

Test Mode : RX 13.56MHz

Note :

Polarization:

Power : 5 Vd.c.(USB)

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	0.0558	18.85	peak	18.88	37.73	112.56	100	163	-74.83	
*	0.0681	18.37	peak	18.78	37.15	110.84	100	85	-73.69	
	0.0834	16.04	peak	18.67	34.71	109.09	100	267	-74.38	
	0.1015	14.87	peak	18.55	33.42	107.39	100	59	-73.97	
	0.1184	12.35	peak	18.61	30.96	106.06	100	163	-75.10	
	0.1381	11.17	peak	18.69	29.86	104.74	100	142	-74.88	

*:Maximum data x:Over limit !:over margin

Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
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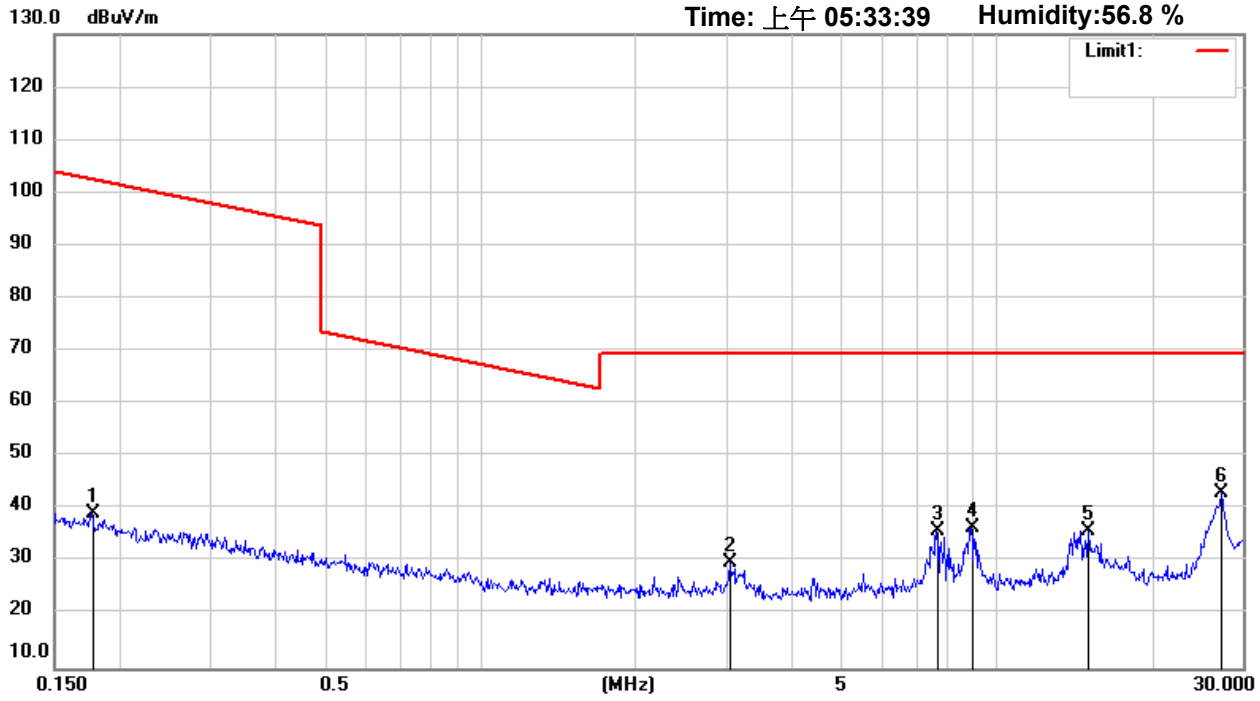
Radiated Emission Measurement

Operator: Echo

File :2 Data :#1 Date: 2025/2/25 Time: 上午 05:33:39

Temperature:19.8 ℃ Humidity:56.8 %



Site : Chamber

Condition : FCC 15.225 RE (3m)(13.56MHz)

EUT : W6M22412-23972

M/N:

Test Mode : RX 13.56MHz

Note :

Polarization:

Power : 5 Vd.c.(USB)

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	0.1771	20.26	peak	18.84	39.10	102.59	100	132	-63.49	
	3.0493	10.08	peak	19.77	29.85	69.54	100	56	-39.69	
	7.6666	15.16	peak	20.90	36.06	69.54	100	175	-33.48	
	8.9400	15.26	peak	21.37	36.63	69.54	100	26	-32.91	
	15.0656	13.59	peak	22.40	35.99	69.54	100	330	-33.55	
*	27.2711	19.78	peak	23.38	43.16	69.54	100	186	-26.38	

*:Maximum data x:Over limit !:over margin

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Tel:+886-2-6606-8877
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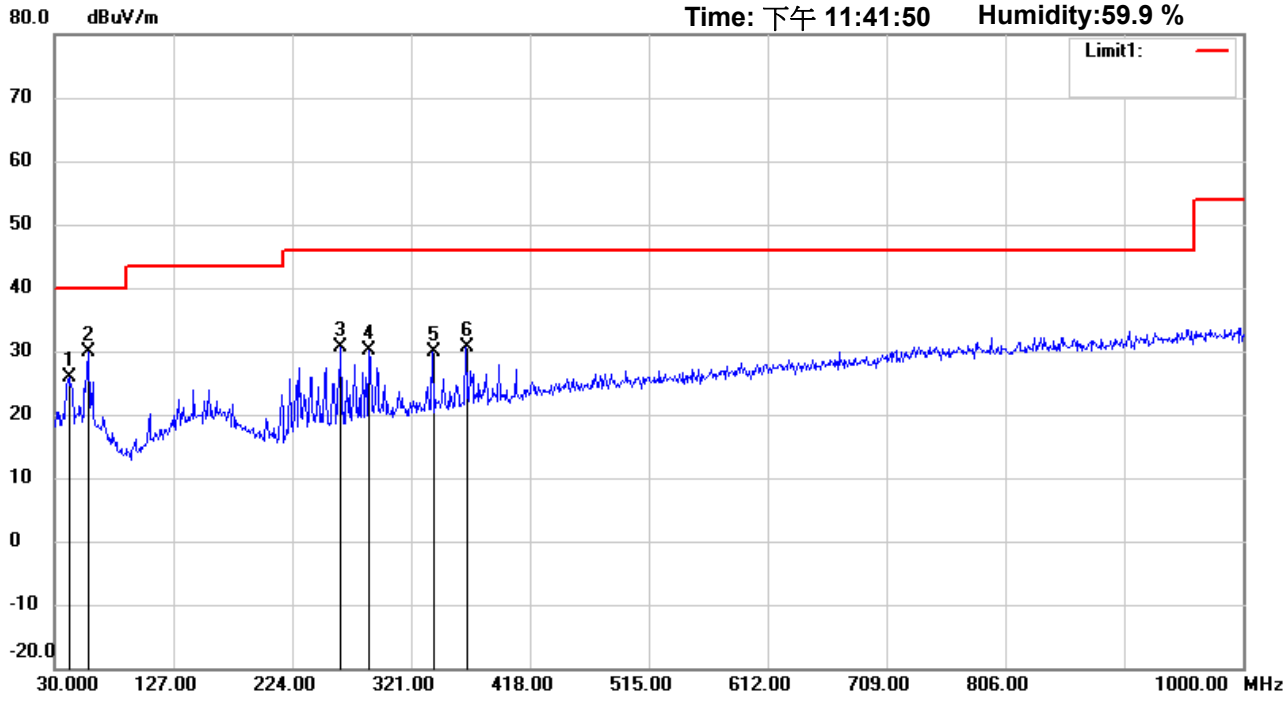
Radiated Emission Measurement

Operator: Gino

File :3 Data :#1 Date: 2025/2/24 Temperature:18.7 ℃

Time: 下午 11:41:50 Humidity:59.9 %



Site : Chamber

Condition : FCC 15.225 RE_30-1000MHz

EUT : W6M22412-23972

M/N:

Test Mode : RX 13.56MHz

Note :

Polarization: *Horizontal*

Power : 5 Vd.c.(USB)

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	41.6400	39.34	peak	-13.43	25.91	40.00	100	5	-14.09	
*	57.6450	42.75	peak	-12.81	29.94	40.00	100	2	-10.06	
	263.7700	43.80	peak	-13.26	30.54	46.00	100	108	-15.46	
	286.5650	42.60	peak	-12.47	30.13	46.00	100	102	-15.87	
	338.9450	41.32	peak	-11.32	30.00	46.00	100	128	-16.00	
	366.1050	41.39	peak	-10.64	30.75	46.00	100	228	-15.25	

*:Maximum data x:Over limit !:over margin

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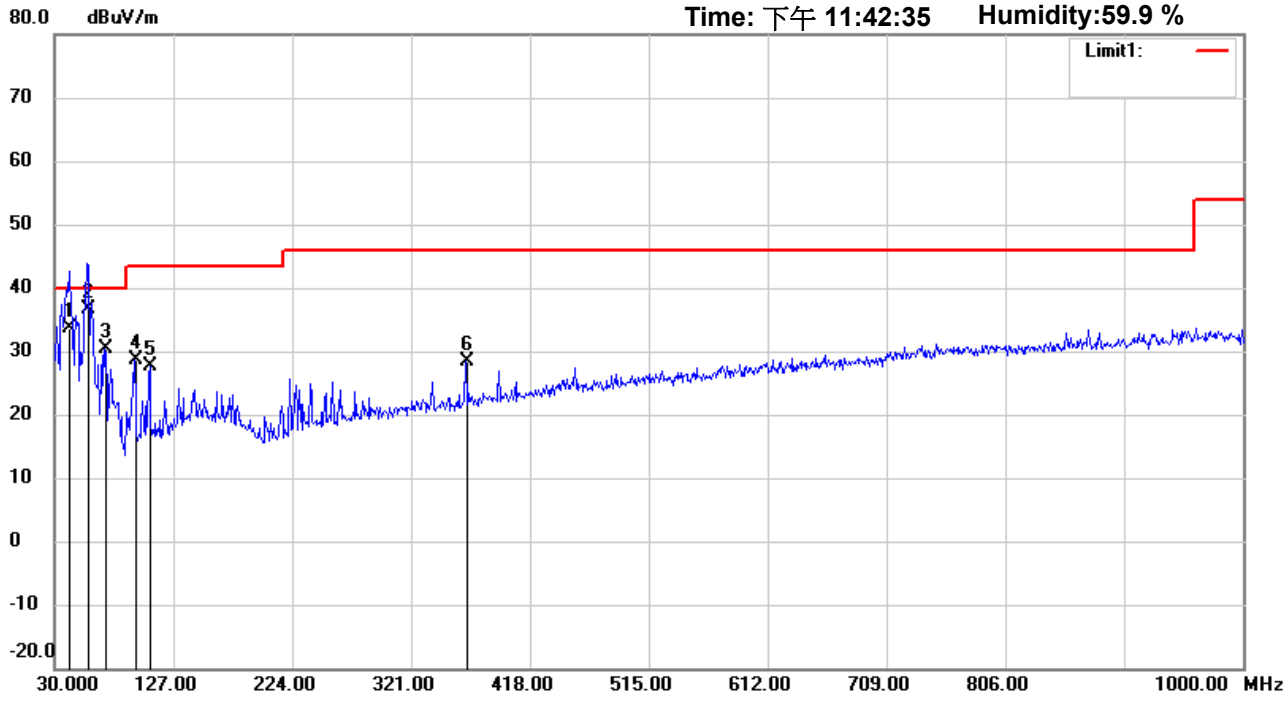
Radiated Emission Measurement

Operator: Gino

File :3 Data :#2 Date: 2025/2/24 Time: 下午 11:42:35

Temperature:18.7 ℃ Humidity:59.9 %



Site : Chamber

Condition : FCC 15.225 RE_30-1000MHz

EUT : W6M22412-23972

M/N:

Test Mode : RX 13.56MHz

Note :

Polarization: *Vertical*

Power : 5 Vd.c.(USB)

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	41.6400	46.97	QP	-13.43	33.54	40.00	100	18	-6.46	
*	56.6750	49.52	QP	-12.78	36.74	40.00	100	64	-3.26	
	71.2250	45.81	peak	-15.44	30.37	40.00	100	230	-9.63	
	95.4750	46.47	peak	-17.85	28.62	43.50	100	85	-14.88	
	107.6000	43.55	peak	-15.99	27.56	43.50	100	144	-15.94	
	366.1050	38.90	peak	-10.64	28.26	46.00	100	177	-17.74	

*:Maximum data x:Over limit !:over margin